

What is claimed is:

1. A multifunctional electronic carabiner for climbing, comprising: a carabiner's front casing, a back casing, a left arm part and a right arm part, a left hinge and a right hinge, a front photoscope, a liquid crystal timer, a compass, a bulb, batteries, a battery door, and functional buttons thereof,

wherein the body of the carabiner and the left and the right arm parts are respectively passed through by the movable hinges, and each of the left and the right arm parts has a concave-convex block which can be engaged with blocks of the body respectively.

2. The multifunctional electronic carabiner for climbing according to claim 1,

wherein a liquid crystal display is provided on the front casing of the body, a button is provided for controlling the functional mode of the liquid crystal timing display, buttons are provided respectively on the left and the right edges of the body, one of said buttons is disposed at the center of the edge of the body, and one of said buttons is arranged at a position on the edge which is near to the top of the body, and all the above are sandwiched tightly in place by the front casing and the back casing.

3. The said multifunctional electronic carabiner for climbing according to claim 1,

wherein a radio circuit board is housed in the cavity between the frontal cover and the back cover, a functional key for turning on/off the radio and volume adjustment is disposed at the right side of the main body, and keys are disposed separately at the frontal surface of the frontal cover for operating the channel search and resetting function, and the circuit board of the radio is sandwiched between the frontal cover and the back cover for location.

4. The multifunctional electronic carabiner for climbing according to claim 2,

wherein the liquid crystal timing display of the front casing of the body is provided with a transparent sight-glass shell on the front end thereof.

5. The multifunctional electronic carabiner for climbing according to claim 1,

wherein a bulb is installed on the top of the body and is switched on or off by the key-press on the left side, and a compass is provided on the front casing of the body.

6. The multifunctional electronic carabiner for climbing according to claim 1, wherein connection between the body and the arm parts of the carabiner is not limited to the connection formed by the hinges, and other movable connections can be used;

the profile of the body can also be formed in a shape of circular, semicircular, elliptic, semi-elliptic shape, or other appropriate shapes.

7. The multifunctional electronic carabiner for climbing according to claim 2, wherein connection between the body and the arm parts of the carabiner is not limited to the connection formed by the hinges, and other movable connections can be used;

the profile of the body can also be formed in a shape of circular, semicircular, elliptic, semi-elliptic shape, or other appropriate shapes.

8. The multifunctional electronic carabiner for climbing according to claim 3, wherein connection between the body and the arm parts of the carabiner is not limited to the connection formed by the hinges, and other movable connections can be used;

the profile of the body can also be formed in a shape of circular, semicircular, elliptic, semi-elliptic shape, or other appropriate shapes.

9. The multifunctional electronic carabiner for climbing according to claim 4, wherein connection between the body and the arm parts of the carabiner is not limited to the connection formed by the hinges, and other movable connections can be used;

the profile of the body can also be formed in a shape of circular, semicircular, elliptic, semi-elliptic shape, or other appropriate shapes.

10. The multifunctional electronic carabiner for climbing according to claim 5, wherein connection between the body and the arm parts of the carabiner is not limited to the connection formed by the hinges, and other movable connections can be used;

the profile of the body can also be formed in a shape of circular, semicircular, elliptic, semi-elliptic shape, or other appropriate shapes.